

AC 452210 LLANELLY
BOROUGH OF LLANELLY.

REPORT

— OF THE —

Medical Officer of Health

— AND —

School Medical Officer

FOR THE YEAR, 1927.

LLANELLY :

Printed by James Davies & Co., Ltd., Murray Street,
1928.

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Report of the Medical Officer of Health for the Year 1927.

To the Mayor, Aldermen and Councillors of the Borough
of Llanelly.

Mr. Mayor and Gentlemen,

I have the honour to submit to you my Report on the Health Administration of the Borough for the year 1927.

During the year the resignations of the Chief Sanitary Inspector, Mr. W. G. Pyatt, and one of the Health Visitors, Nurse Eunice Anthony, took place. The vacancy created by the departure of Mr. Pyatt was filled by the appointment of the Assistant Sanitary Inspector, Mr. R. Evans, but no fresh appointment of a Health Visitor was made.

As a temporary measure, Mr. J. E. Marks, Chief Clerk in the Health Department, has been acting as Assistant Sanitary Inspector.

Every endeavour is made to maintain a high standard in connection with the work of the Health Department, and I have to acknowledge the loyal assistance I have invariably obtained from all the members of the staff.

I am,

Your obedient Servant,

L. W. POLE, M.B. (Edin.), D.P.H.,
Medical Officer of Health.

Health Department,

Old Town Hall, Llanelly.

June, 1928.



PUBLIC HEALTH STAFF.

Medical Officer of Health:

‡ L. W. POLE, M.B. (Edin.), D.P.H.

Assistant Medical Officer of Health:

‡ JEAN M. MACKINTOSH, M.B. (Glasgow), D.P.H.

Dental Surgeon:

‡ T. E. MATHIAS, L.D.S., R.C.S. (Edin.).

Veterinary Inspector:

J. C. HILL, M.R.C.V.S.

Chief Sanitary Inspector and Inspector of Meat and Foods:

§ ‡ W. G. PYATT, C.R.S.I. (Resigned April, 1927).

Chief Sanitary Inspector and Inspector of Meat and Foods:

§ ‡ R. EVANS, C.R.S.I. (Appointed May, 1927).

Assistant Sanitary Inspector:

‡ IVOR R. REES, C.R.S.I.

Senior Health Visitor:

‡* ‡ M. LEWIS.

Assistant Health Visitor:

‡* ‡ EUNICE I. ANTHONY. (Resigned June, 1927).

Chief Clerk:

J. E. MARKS, C.R.S.I.

Junior Clerks:

M. E. SMITH and W. J. SYMMONS.

Sanitary Inspectors' Helper:

G. I. REES.

Matron, Borough Isolation Hospital:

* ‡ ‡ RUTH JAMES.

‡ Salary Contribution by Exchequer.

§ Cert. Meat and Other Foods Inspection.

| Fully Trained Nurse.

* Cert. Midwives Board.

SUMMARY.

GENERAL STATISTICS.

Area (acres)	...	...	...	...	2,200
Population, 1921 (Adjusted—Registrar-General)	...	...	...	...	37,180
Population, 1927 (Estimated—M.O.H.)	...	...	...	...	40,000
Population, 1927 (Estimated—Registrar-General)	...	...	...	...	39,530
Number of Inhabited Houses	...	...	...	...	8,276
Number of families or separate occupiers	...	...	...	...	9,194
Rateable Value	...	...	...	...	£163,523
Sum represented by penny rate	...	...	...	...	£636

EXTRACTS FROM THE REGISTRAR-GENERAL'S VITAL STATISTICS FOR THE YEAR.

		Total.	Males.	Females	
Births	{ Legitimate	...	661	299	362
	{ Illegitimate	...	19	11	8
					Birth Rate
					17.20 per 1,000.
Deaths	...	450	249	201	Death Rate
					11.38 per 1,000.
Number of women dying in, or in consequence of childbirth :—					
	From Sepsis	...	Nil.		
	From other causes	...	1		= 1.47 per 1,000 births.
Deaths of Infants under one year of age per 1,000 births :—					
	Legitimate	51	...	...	77.15
	Illegitimate	5	...	...	263.16
	Total	56	...	...	82.35
Deaths from Measles (all ages)	...	...	...	...	2
Deaths from Whooping Cough	...	...	...	...	5
Deaths from Diarrhoea (under two years of age)	...	...	...	...	4

POOR LAW RELIEF.

The following statistics (which have been kindly supplied to me by the Master of the Llanelly Poor Law Institution) relate to the area of the Llanelly Union, included in which is the Borough of Llanelly, and the period to which they relate is the year ended 31st December, 1927.

The total number of days during the year for which indoor relief was given was 92,300, made up as follows :—

Poor Law Institution (Inmates)	...	62,345
Do. (Casuals)	...	6,969
Children's Homes	...	22,986

The daily average number of persons for the year who received indoor relief was :—

Inmates	...	...	...	170
Casuals	...	...	...	19
Children's Homes	...	...	...	63

The cost of poor law indoor relief for the year ended 31st December, 1927, was as follows :—

	£	s.	d.
March Quarter	2474 17 5
June Quarter	2051 15 7 ³ / ₄
September Quarter	2173 15 4
December Quarter	2545 16 7 ¹ / ₄

Year ended 31st December, 1927 ... £9346 5 0

The cost of poor law outdoor relief for the year ended 31st December, 1927, according to the statement of the Relieving Officers, was £29,813 17s. 7d. The corresponding cost for the year 1926 was £33,742 3s. 0d. This shows a decrease for 1927 of £3,928 5s. 5d.

**ANALYSIS OF THE TOTAL NOTIFICATIONS OF INFECTIOUS
DISEASES UNDER THE FOLLOWING AGE-GROUPS.
(Local Statistics).**

Disease.	Under one year.	1-	2-	3-	4-	5-	10-	15-	20-	35-	45-	65-	Total.
Scarlet Fever .....	.....	1	3	5	4	21	5	.....	.....	2	.....	.....	41
Diphtheria .....	.....	.....	3	6	8	16	2	.....	1	1	.....	.....	37
Erysipelas .....	.....	.....	.....	.....	.....	.....	1	1	.....	1	2	1	6
Enteric Fever .....	.....	.....	.....	.....	.....	.....	2	1	.....	.....	.....	.....	3
Pneumonia	11	10	5	6	2	6	5	5	12	1	6	6	75
Chicken Pox	5	3	9	6	28	40	10*	.....	2	1	1	.....	105*
Puerperal :													
Fever .....	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	2
Pyrexia .....	.....	.....	.....	.....	.....	.....	.....	.....	5	4	.....	.....	9
Ophthalmia Neonatorum.....	2	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2
Poliomyelitis .....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1

* Including one case re-diagnosed at Smallpox.

**NOTIFIABLE DISEASES DURING THE YEAR 1927 IN THE
VARIOUS WARDS.**

Disease.	Cases Notified.			Total Cases noti- fied.	Cases ad- mitted to Hospital	Cases dis- charged from Hospital	Total Deaths.
	Ward 1	Ward 2	Ward 3				
Scarlet Fever	11	16	14	41	13	15	.....
Diphtheria	12	13	12	37	17	17	5
Erysipelas	3	3	1	7	.....	.....	.....
Enteric Fever	1	2	.....	3	2	2	1
Pneumonia	26	23	26	75	.....	.....	.....
Ophthalmia Neonatorum .....	.....	2	.....	2	.....	.....	.....
Chicken Pox	52	18	35*	105*	1*	1*	.....
Puerperal :							
Fever	1	.....	1	2	.....	.....	.....
Pyrexia	3	2	4	9	.....	.....	.....
Poliomyelitis	1	.....	.....	1	.....	.....	.....
Tuberculosis :							
Pulmonary { Males	5	6	8	19	12	10	13
{ Females.....	7	13	6	26	8	9	16
Non- { Males	2	5	1	8	3	2	5
Pulmonary { Females.....	3	2	1	6	6	4	4

* Case re-diagnosed as Smallpox.

Ophthalmia Neonatorum	Cases.			Vision Un- Impaired.	Vision Impaired.	Total Blind- ness.	Deaths.
	Noti- fied.	At Home	In Hospital				
.....	2	2	.....	.....	.....	.....	.....

TUBERCULOSIS.

Age Periods.	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary		Pulmonary.		Non-Pulmonary	
	Males	Females	Males	Females	Males	Females	Males	Females
0—	.....	.....	.....	.....	.....	.....	.....	.....
1—	1	1	1	.....	.....	.....	2	.....
5—	2	2	.....	1	.....	.....	.....	1
10—	.....	1	1	1	1	.....	.....	.....
15—	2	5	2	1	1	3	.....	.....
20—	5	2	.....	1	1	1	.....	.....
25—	2	8	3	1	2	6	2	.....
35—	3	2	.....	1	2	1	1	2
45—	3	4	1	.....	6	4	.....	.....
55—	.....	.....	.....	.....	.....	1	.....	.....
65 & upwards	1	1	.....	.....	1	.....	.....	.....
Totals	19	26	8	6	14	16	5	4

GENERAL PROVISION OF HEALTH SERVICES.

The Llanelly and District Nursing Association undertake general nursing, but only in the case of subscribers. The home nursing of infectious disease is not undertaken. The Goring Road Nursing Home has accommodation for medical, surgical, and midwifery patients.

Midwives.—The number of midwives who practised in the Borough in 1927, was 20, 19 of whom possessed the Certificate of the Central Midwives Board. No midwives are employed or subsidised by the Town Council.

CLINICS AND TREATMENT CENTRES.

Name.	Situation.	Nature of Accommodation.	By Whom Provided.
Llanelly M. & C.W.	Health Dept., Old Town Hall.	*4 rooms	Town Council.
School Clinic	Health Dept., Old Town Hall.	*4 rooms	Education Committee
Dental Clinic	Health Dept., Old Town Hall.	†2 rooms	Education Committee
Eye Clinic	Health Dept., Old Town Hall.	†2 rooms	Education Committee
Tuberculosis Institute.	Lucania Buildings, Stepany Street.	2 rooms	Welsh National Memorial Association.
Venereal Disease Clinic.	General Hospital, Swansea.	.....	.....

* Same rooms used for both purposes.

† Same rooms used for both purposes.

Borough Isolation Hospital.—The Hospital consists of two ward blocks; administration block, and Nurses' and Maids' quarters. In addition, a discharge block, a new laundry—with mortuary attached—have been constructed. This gives a total accommodation of 23 beds. The new ward block provides for 10 patients in 9 wards, eight of which are single-patient wards, the remaining ward providing accommodation for two patients.

County Small Pox Hospital.—Reference to this is made on page 18.

Other Hospital Accommodation.—The other Hospitals in the Borough are the Llanelly General Hospital and the Poor Law Infirmary. The former has accommodation, since its enlargement, for about 60 patients.

Maternity Home.—No steps have yet been taken to provide the Maternity Home. This delay has been due to financial causes, and the erection of the Home has been deferred till a more favourable opportunity.

Ambulance Facilities.—An agreement, dated 1st December, 1923, was made between the Corporation and the Priory for Wales of the Order of the Hospital of St. John of Jerusalem, for the transport of cases of infectious diseases to the Isolation Hospital. This agreement is renewable at the end of each year. The Corporation have agreed to garage the ambulance car free

of charge and pay an annual subscription of £20 to the Priory for Wales. The number of times the ambulance car was used in 1927 was 33. The St. John Ambulance Association have made arrangements with the various works and mines in Llanelly and the outlying districts for the removal of cases or accidents to the General Hospital.

Laboratory Work.—In this Report, on page 20, will be found the results of bacteriological analyses of milk made by Dr. A. F. Sladden, of the Beck Laboratory, Swansea.

The laboratory of the Health Department is principally used for the examination of swabs for the presence of diphtheria germs. Occasional specimens of sputum are examined for the tubercle bacillus, and slides are sometimes received for examination in the case of suspected gonorrhoea. During the year 1927, 152 diphtheria swabs were examined, and 10 sputa examined for the tubercle bacillus.

Diphtheria antitoxin is issued free of charge to doctors practising in the Borough for the treatment of persons unable to pay the cost of the antitoxin. The number of units supplied during the year were 472,000. The antitoxin is supplied in 2,000 unit capsules (ordinary strength), and in capsules containing 8,000 units of concentrated antitoxin. Very little ordinary strength is now used.

The chemical analysis of milk samples by the Gerber process was commenced in 1926. (See page 21).

LIST OF ADOPTIVE ACTS, BYE-LAWS AND REGULATIONS RELATING TO THE PUBLIC HEALTH IN FORCE IN THE BOROUGH, WITH THE DATE OF ADOPTION.

- The Public Health Act, Supplemental Act, 1850 (No. 3), confirming a Provisional Order of the General Board of Health, dated 31st July, 1850, constituting a Local Board of Health for the District.
- Llanelly (Local Board) Waterworks Act, 1865.
- Llanelly (Local Board) Act, 1888 (Section 17 and Parts 4, 5, and 6).
- The Llanelly Local Board Act, 1888, contains most of the powers of the Infectious Disease (Prevention) Act, 1890.
- The Infectious Disease (Prevention) Act, 1890 (Section 4).
- Public Health Acts Amendment Act, 1890 (Parts 1, 2, 3, 4 and 5).
- Llanelly (Local Board) Waterworks Act, 1891.
- The Private Street Works Act, 1892.
- Public Health Acts Amendment Act, 1907, Parts II. (in part). III. (in part), IV. (in part), V., VI., X.
- Llanelly Waterworks Act, 1909 (with Bye-laws thereunder).
- The Llanelly Corporation Water Act, 1920.
- The Llanelly Order, 1924 (Waterworks).
- Ministry of Health, Provisional Orders Confirmation (No. 2) Act, 1926, Llanelly Order—Provision of Ashbins.
- Public Health Act, 1925 (Part II., excluding Sections 20 and 34, Part III., excluding Section 38, Parts IV., and V.).

The following Bye-laws and Regulations are in force, and were confirmed in the year mentioned :—

- (1). Markets (1906 and 1922).
- (2). Slaughterhouses (1905 and 1922).
- (3). New Streets and Buildings (1926).
- (4). Common Lodging Houses (1892).
- (5). Nuisances (1892).
- (6). Cleansing of Footways and Pavements, and the Removal of Refuse, etc. (1892).
- (7). Trade of Soap Boiler (1892).
- (8). Trade of Tallow Melter (1892).
- (9). Trade of Leather Dresser (1892).
- (10). Trade of Tanner (1892).
- (11). Fellmonger (1892).
- (12). Good Rule and Government (1915).
- (13). Confirming Order under Section 51, Public Health Acts Amendment Act, 1907, Rag and Bone Dealer (1917).
- (14). Houses-let-in-lodgings (1926).
- (15). Confirming Order under Section 51, Public Health Acts Amendment Act, 1907, Fish Frier.

HOUSING.

Number of new houses erected during the year :—

- | | |
|---|-----|
| (a) Total (including numbers given separately under (b) and (c) | 249 |
| (b) With State assistance under the Housing Acts : | |
| (i.) By the Local Authority ... | 70 |
| (ii.) By other bodies or persons ... | 158 |
| (c) Without State assistance under the Housing Acts : | |
| (i.) By other bodies or persons ... | 21 |

(1) Unfit Dwelling-Houses :—

Inspection :—

- | | |
|---|-----|
| (1) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) : | |
| (a) Public Health Acts ... | 871 |
| (b) Housing Acts ... | 32 |
| (2) Number of dwelling-houses which were inspected and recorded under the Housing (Inspection of District) Regulations, 1910, or the Housing Consolidated Regulations, 1925 ... | 19 |
| (3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... | 2 |
| (4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation : | |
| (a) Public Health Acts ... | 380 |
| (b) Housing Acts ... | 21 |

(2) Remedy of defects without Service of Formal Notices :—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers :

- | | |
|----------------------------|-----|
| (a) Public Health Acts ... | 341 |
| (b) Housing Act ... | 22 |

3. Action under Statutory Powers :—

A.—Proceedings under Section 3 of the Housing Act, 1925 :—

(1) Number of dwelling-houses in respect of which Notices were served requiring repairs	...	...	19
(2) Number of dwelling-houses which were rendered fit after service of formal notices :			
(a) By Owners	...	...	18
(b) By the Local Authority	...	...	Nil.
(3) Number of dwelling-houses in respect of which Closing Orders became operative in pursuance of declarations by owners of intention to close	...	...	Nil.

B.—Proceedings under Public Health Acts :—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	...	43
(2) Number of dwelling-houses in which defects were remedied after service of formal notices :		
(a) By Owners	...	71
(b) By Local Authority in default of Owners	...	Nil.

C.—Proceedings under Sections 11, 14 and 15 of the Housing Act, 1925 :—

(1) Number of representations made with a view to the making of Closing Orders	...	2
(2) Number of dwelling-houses in respect of which Closing Orders were made	...	2
(3) Number of dwelling-houses in respect of which Closing Orders were determined, the dwelling-houses having been rendered fit	...	Nil.
(4) Number of dwelling-houses in respect of which Demolition Orders were made	...	3
(5) Number of dwelling-houses demolished in pursuance of Demolition Orders	...	Nil.

PHYSICAL FEATURES AND GENERAL CHARACTER OF THE DISTRICT.

For a detailed description of these, reference should be made to the Annual Report for 1925, page 18.

VITAL STATISTICS.

Population.—The mid-year population of the Borough in 1927 was estimated to be 40,000. The Registrar-General's estimate is given as 39,530 (60 less than the population for 1926), and this is used in the computation of all rates with the exception of those for which the locally estimated population can only be used. The natural increase of population, i.e., the excess of births over deaths, was 230.

Births.—683 births were registered in the Borough. After making allowance for transferable births, the net number of births was 680. This is equal to a birth rate of 17.2 per 1,000 of the population. Contrary to the usual experience the births

of female children exceeded those of male children—female births, 370, male births, 310. Illegitimate births numbered 19, or one illegitimate birth to every 35 legitimate births. The birth rate for England and Wales was 16.7 per 1,000 of the population.

Table showing the Births in the Three Wards, according to Sex, and the Birth Rates for each Quarter. (Local Statistics).

(No correction made for Transferable Births).

Births.	Ward 1		Ward 2		Ward 3		All Wards.		Total	Birth Rate.
	M.	F.	M.	F.	M.	F.	M.	F.		
1st Quarter	31	44	30	32	32	32	84	108	192	19.26
2nd Quarter	24	27	28	41	19	33	71	101	172	17.25
3rd Quarter	34	25	38	39	17	24	89	88	177	17.75
4th Quarter	28	22	16	26	24	26	68	74	142	14.24
Year 1927	117	118	112	138	83	115	312	371	683	17.07
Birth Rate per 1,000	18.35		14.88		19.03		17.07		.....	.....

Table showing the Number of Births and Birth Rates per 1,000 Population.

	1927		1926		1925		1924		1923	
	No.	Rate.	No.	Rate.	No.	Rate.	No.	Rate.	No.	Rate.
Llanelly	680	17.2	764	19.3	795	20.3	812	20.8	889	23.2
England and Wales .....	.....	16.7	.....	17.8	.....	18.3	.....	19.7	.....	20.6

NOTIFICATION OF BIRTHS.

The accompanying table gives particulars of the notifications during 1927, as well as for the four preceding years.

	1927	1926	1925	1924	1923
Births registered and notified	663	761	798	805	863
Births registered, but not notified	20	24	2	7	33
Total Live Births	683	785	800	812	896
Still Births notified	37	24	30	29	18
Births notified by Midwives	656	756	797	801	855
Births notified by Medical Practitioners	4	4	1	.....	.....
Births notified by Parents	3	1	.....	4	8

Still Births.—The Births and Deaths Registration Act, 1927, requires the registration of all still births. As this Act did not come into operation till 1st July, 1927, the annual rate is not available. During the year 37 still births were notified by midwives.

Deaths.—The total number of deaths registered was 465. After making allowance for transferable deaths the net number of deaths belonging to the Borough was 450, equal to a rate of 11.38 per 1,000 of the population. This rate is the same as for the year 1926. An examination of the Weekly Returns of the District Registrar shows that after making the necessary allowance for transferable deaths, the number of male deaths and female deaths, were, respectively, 250 and 200. The corresponding numbers in the Registrar-General's Annual Return are 249 and 201. (See page 5).

Table Showing the Deaths in the Three Wards, according to Sex, and the Death Rates for each Quarter. (Local Statistics).

Deaths.	Ward 1		Ward 2		Ward 3		All Wards		Total.	Death Rate.
	M.	F.	M.	F.	M.	F.	M.	F.		
1st Quarter	30	24	31	36	29	10	90	70	160	16.00
2nd Quarter	17	12	21	17	8	13	46	42	88	8.82
3rd Quarter	20	8	17	17	7	13	44	38	82	8.22
4th Quarter	26	12	32	25	12	13	70	50	120	12.03
Year 1927	93	56	101	95	56	49	250	200	450	11.25
Death Rate per 1,000 ..	11.64		11.66		10.09		11.25		.....	11.25

Table Showing the Number of Deaths and Death Rate per 1,000 Population.

	1927		1926		1925		1924		1923	
	No.	Rate.	No.	Rate.	No.	Rate.	No.	Rate.	No.	Rate.
Llanelly	450	11.38	451	11.4	452	11.5	461	11.8	410	10.7
England and Wales		12.3		11.6		12.2		12.2		11.6

Inquests.—These numbered 20.

Uncertified Deaths numbered 10.

Deaths in Public Institutions.—39 deaths occurred in public institutions, chiefly the Llanelly Workhouse Infirmary and the Llanelly General Hospital.

MATERNITY AND CHILD WELFARE.

Infant Mortality.—The net number of infant deaths was 56, equal to an infant mortality rate of 82.35 per 1,000 births. The corresponding rate for England and Wales was 69 per 1,000 births.

The number of illegitimate deaths was five, or 263.15 per 1,000 illegitimate births.

Table Showing the Infant Deaths in the Three Wards, according to Sex, and the Infant Mortality Rates for each Quarter.

(Local Statistics—Population, 40,000).

Infant Deaths.	Ward 1		Ward 2		Ward 3		All Wards		Total.	Infant Mortality Rate.
	M.	F.	M.	F.	M.	F.	M.	F.		
1st Quarter	6	2	3	3	2	1	11	6	17	88.54
2nd Quarter	5	1	2	1	.....	.....	7	2	9	52.32
3rd Quarter	4	.....	4	.....	2	1	10	1	11	62.14
4th Quarter	6	3	1	4	2	3	9	10	19	133.09
Year 1927	21	6	10	8	6	5	37	19	56	81.99

Table Showing the Number of Deaths of Infants under One Year of Age, and the Rates of Infant Mortality.

	1927		1926		1925		1924		1923	
	No.	Rate.	No.	Rate.	No.	Rate.	No.	Rate.	No.	Rate.
Llanelly	56	82.33	54	70.6	69	86.7	69	84.9	62	69.7
England & Wales .....	.....	69.00	.....	70.0	.....	75.0	.....	75.0	.....	69.0

Table Showing the Number and Causes of Deaths of Infants under One Week Old.

Days.	Under one day.		1—	2—	3—	4—	5—	6—	Under one week.	Total under 1 week
Cause of Death.	M	F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	Both Sexes
Premature Birth	2	2	1	1	1 .....	.....	.....	.....	5 2	7
Atrophy, Debility ..	.....	.....	.....	.....	.....	1 .....	.....	.....	1	1
Atelectasis .....	.....	.....	1	1 .....	.....	.....	.....	.....	2	2

Four out of the 10 deaths in the first week occurred in the first 24 hours, the cause being premature birth.

Premature birth was responsible for seven deaths out of ten in the first week.

Eight of the 10 deaths in the first week were male deaths.

Maternal Mortality.—The number of mothers who died in consequence of childbirth was one, giving a rate of 1.47 per 1,000 births.

Puerperal Sepsis ... Nil. Other Causes—Eclampsia ... 1.

The maternal mortality rate for England and Wales in 1926, the latest available for comparison, was 4.12 per 1,000 births.

Midwives.—In January, 1927, 21 midwives—18 certified and 3 bona-fide—notified their intention of practising in the Borough. Subsequent to January another midwife—certified—notified her intention to practise, making a total of 22. No midwives are employed or subsidised by the Town Council. One birth was notified by a midwife who had not notified that she intended practising. The name of this midwife was transmitted to the County Medical Officer of Health. During the year one midwife—bona-fide—died.

The number of midwives who practised in the Borough in 1927 was 20, 19 of whom held the certificate of the Central Midwives Board. The total number of births attended by midwives was 656, representing 96 per cent. of all births.

Five notifications were received from maternity nurses in a Private Maternity Home, and one from the Matron of the General Hospital.

The following is a statement of the work done by midwives during the year 1926:—

One midwife attended 109 cases; two midwives attended 88 and 96 cases; two midwives attended 67 and 73 cases; three midwives attended 39, 45 and 46 cases; two midwives attended 25 and 25 cases; one midwife attended 11 cases. The bulk of the work was therefore done by 11 midwives—623 births attended out of 680. Only one birth was attended by a bona-fide midwife.

Ante-Natal Clinic.—The attendance at this Clinic is still small. During the year 64 women made 95 attendances.

Issue of Milk.—The following statement shows the cost of milk—ordinary and dried—for the year ended 31st March, 1928:

Dried Milk :				£	s.	d.	£	s.	d.
Payments	...	...	...				483	3	0
Receipts	...	...	...	452	15	5			
Stock in hand	...	...	...	19	13	8			
Outstanding payments	...	...	...	1	6	6			
							473	15	7
Cost to Local Authority	...	...	...				9	7	5
Ordinary Milk :									
Cost to Local Authority	...	...	...				5	3	3

Further information regarding the work of the Health Visitors during the year 1927 is given in the appended Table:—

ATTENDANCES AT CENTRE :—

Infants :

No. of new cases	...	...	...	291
No. of old cases	...	...	...	406
Total number of attendances	...	...	...	3431

Children over one year old :

Number	...	...	...	143
Total number of attendances	...	...	...	306

Expectant Mothers

Number	...	...	...	64
Total number of attendances	...	...	...	95

VISITS PAID BY HEALTH VISITORS :—

Infants :

First Visits	...	...	...	644
Subsequent visits	...	...	...	3860
Total Visits	...	...	...	4504

Children over one year old

... 2260

Expectant Mothers :

First visits	...	...	...	65
Subsequent visits	...	...	...	72
Total visits	...	...	...	137

MILK :—

No. of free milk tickets issued	81
---------------------------------	-----	-----	-----	----

DRIED MILK :—

No. of packets sold :

Full price	...	...	...	5129
Half price	...	...	...	48
Reduced price	...	...	...	58
Given free	...	...	...	110
Total packets issued	...	...	...	5345

VIROL :—

No. of tins sold :

Full price	...	...	...	794
Half price	...	...	...	16
Reduced price	...	...	...	5
Given free	...	...	...	52

Ophthalmia Neonatorum.—Two children were notified on account of Ophthalmia Neonatorum. Both recovered without any ill effect.

Puerperal Fever and Puerperal Pyrexia.—Two notifications of Puerperal Fever were received, and nine of Puerperal Pyrexia. No deaths resulted.

Appointment of Health Visitors.—The Ministry of Health in February, 1925, issued a Memorandum with reference to the qualifications of health visitors appointed after 1st April, 1928.

Following the issue of this Circular a summary of the Memorandum was submitted to the Maternity and Child Welfare Committee.

It is laid down in the Memorandum that on and after the 1st April, 1928, the Minister of Health will not approve of the appointment of a woman **for the first time** as a whole-time officer of a local authority with health visiting duties unless she has obtained the Health Visitors' Certificate mentioned in the Memorandum. The position of existing health visitors is safeguarded, and the Minister will be prepared to approve their appointment to serve in districts, other than those in which they may be engaged prior to the 1st April, 1928, without further qualifications. The Minister expressed the hope that local authorities would assist their health visitors to prepare and enter for the examination leading up to the Health Visitors' Certificate.

In May, 1927, a Circular was issued by the Ministry of Health in which it was stated that a list is maintained in the Department containing the names and qualifications of all health visitors approved by the Minister, and it is suggested that a local authority about to make an appointment should communicate with the Department in order to ascertain whether the names of candidates for an appointment are included in the list.

A further Circular has been issued (March 28, 1928) by the Ministry to remind local authorities as to the qualifications required in the case of health visitors appointed after 1st April, 1928.

The Midwives and Maternity Homes Act, 1926, which came into operation on 1st January, 1927, amends in certain particulars the Acts of 1901 and 1902, and also deals with the administration, registration, etc., of Maternity Homes. None of the powers of the County Council under this Act may be delegated to a District Council.

The Nursing Homes (Registration) Act, 1927, has provisions similar to those in the Midwives and Maternity Homes Act, 1926, with regard to the administration, etc., of nursing homes. This Act comes into operation on 1st July, 1928. On the application of any District Council the County Council may delegate to the District Council, either with or without any restrictions or conditions, as the County Council think fit, any of the powers or duties of the County Council under the Act.

INFECTIOUS DISEASES.

On page 6 appears a Table showing the number of cases of infectious diseases notified.

Chicken Pox.—In consequence of the outbreak of Small Pox in Monmouthshire, Chicken Pox was made notifiable in Llanely on 10th March, 1927. Up till the end of the year 105 cases were notified. Medical practitioners were informed that the Medical Officer of Health was prepared to assist in the diagnosis of doubtful types of this disease.

Small Pox.—This disease was diagnosed in the case of a girl aged 13 years, who had been notified to be ill with Chicken Pox. Immediate removal to the Borough Isolation Hospital was undertaken. The Welsh Board of Health was communicated with, and when Dr. Bruce Low, one of the Medical Officers of the Board, visited the patient, he confirmed the diagnosis of Small Pox. The patient had never been vaccinated. The illness ran a mild course, and the girl was discharged from hospital free from the disease. No other case occurred.

The County of Carmarthen (Prevention and Treatment of Small Pox) Regulations, 1927.—On the application of the Carmarthenshire County Council, and after an enquiry held by Dr. Bruce Low, one of the Medical Officers of the Welsh Board of Health, at Carmarthen, on the 23rd February, 1927, the Minister of Health made the above Regulations. They enable the County Council to provide or arrange for the proper isolation and treatment of every person in the County (including the Borough of Llanely) who is affected with Small Pox. The duties of District Medical Officers of Health are detailed in Article II. of the Regulations. Article IV. sets out the requirements of the Minister in regard to the administration of the Small Pox Hospital to be provided.

At the enquiry at Carmarthen arguments were put forward on behalf of the Borough of Llanely against its inclusion in the County scheme. The Regulations came into force on 3rd May, 1927.

Scarlet Fever.—41 cases—1.03 per 1,000—were notified; 13 of these were removed to the Isolation Hospital. No deaths resulted from this disease.

Diphtheria.—37 cases—0.93 per 1,000—were notified, and of these 17 were removed to the Isolation Hospital. Five deaths were caused by this disease, the case mortality being 13.0 per cent.

Enteric Fever.—Three cases of Enteric Fever were notified, two of whom were removed to the Isolation Hospital. One patient was very seriously ill on admission to hospital, and died four days afterwards. Her sister's condition was also grave, but eventually she recovered and was discharged. No information could be obtained as to the source of the infection.

Erysipelas.—7 cases were notified.

Pneumonia.—75 cases were notified. The total number of deaths from respiratory diseases, other than Tuberculosis, was 71—pneumonia, 44; bronchitis, 25; other diseases, 2. The total death rate was 1.8 per 1,000, or 15.7 per cent. of the total deaths. According to the local statistics, the total number of deaths was 70. Of this number 24 died before attaining the age of two years, and 37 deaths were of persons aged 55 years and upwards.

Poliomyelitis.—One case was notified, a boy aged 3 years. This child recovered, but slight paralysis of one leg remained after recovery.

Venereal Diseases.—By arrangement with the County Medical Officer of Health the railway fares of persons requiring treatment at the Centre at Swansea are advanced to them. In each case the applicant for assistance of this nature is required to furnish certain particulars in regard to income, and the form containing this information is forwarded to the County Medical Officer of Health. The number of applicants in 1927 was 7; the number of attendances made by them at the Centre was 57. The total amount advanced for railway expenses was £9 5s. 8d.

TUBERCULOSIS.

45 cases of pulmonary tuberculosis were notified during the year (1.1 per 1,000), and 30 deaths were caused (0.7 per 1,000).

14 cases of non-pulmonary tuberculosis were notified (0.35 per 1,000) and 9 deaths were caused (0.23 per 1,000).

In accordance with the requirements of the Ministry of Health quarterly statements are sent to the County Medical Officer of Health.

The following is the statement showing the same particulars for the whole of the year 1927:—

Year ending 31st December, 1927.	Males.		Females.	
	Pulmon-ary.	Non-Pulmon-ary.	Pulmon-ary.	Non-Pulmon-ary.
(a) Number of cases of Tuberculosis on Register at commencement of year	121	30	110	32
(b) Number of cases notified under Regulations of 1912 for first time during the year	19	8	26	6
(c) Number of cases removed from Register during the year	27	9	33	8
(d) Number of cases remaining on Register at end of the year	113	29	103	30

HEART DISEASE.

This continues to be the principal cause of death. The total number of deaths from all forms of heart disease was 81—42 males and 39 females—2.0 per 1,000, or 18 per cent. of the total deaths. The table (local statistics) on page 36 shows that the great majority of deaths (61) occurred after the age of 55.

CANCER.

41 deaths were ascribed to this disease—18 males and 23 females—1.0 per 1,000, or 9.1 per cent. of all deaths. This subject was dealt with at some length in the Report for 1926.

ISOLATION HOSPITAL.

A full description of this hospital has been given in former Reports, to which reference may be made.

The table on page 6 shows the number of admissions to the Hospital for various diseases.

Disinfection.—The “Sack” disinfecter is in use, and has been described in other Annual Reports. There is one at the Isolation Hospital, and another, larger in size, at the town disinfecting station. Both continue to give satisfaction. The quantity of gas consumed at the disinfecting station was 20,700 cubic feet, the cost of which was £5 15s. 3d.

MILK SUPPLY.

The dairies and cowsheds in the town are kept under constant supervision. Considerable improvement in the structure of some cowsheds has been effected, and improvements in other cowsheds are under consideration.

Bacteriological examinations were continued in 1927; the following Table gives a summary of the results:—

Summary of Results of Bacteriological Examinations.

	Bacteria per 1 c. cm.	Number of Samples.	
Not exceeding	1,000	.. 10	} 62 %
”	3,000	.. 11	
”	10,000	.... 12
”	20,000	.... 6
”	30,000	.... 5
”	100,000 9	} 21 %
”	200,000	.... 6
”	500,000 4	} 17 %
”	1,000,000	.... 3
”	2,000,000	.... 2
”	3,000,000	.... 3

Chemical Examination of Milk.—Gerber's apparatus for the determination of the fat content of milk samples, and the amount of total milk solids, has been used during the year with the following results:—

Number of samples tested, 44.			
Milk fat content satisfactory	...	...	37
Milk fat content not satisfactory	...	...	7
Milk solids, other than fat, satisfactory	...	...	37
Milk solids, other than fat, unsatisfactory	...	...	7

SLAUGHTERHOUSE.

The arrangements for the slaughter of animals have been fully dealt with in previous reports. A number of minor improvements at the Slaughterhouse have been made, and others are about to be made.

MEAT INSPECTION.

This is systematically carried out both at the slaughterhouse and in the shops in the town.

FOOD INSPECTION.

All the shops in the town are visited as regularly as possible, and the foodstuffs subjected to inspection. In the Report of the Senior Sanitary Inspector further information will be found.

The Town Council obtained the sanction of the Ministry of Health to declare the trade of Fish Frier to be an offensive trade. Byelaws controlling this trade will be made.

The Town Council have applied to the Ministry of Health for sanction to declare the trade of Gut-scraper to be an offensive trade, so that byelaws controlling the trade may be framed.

The Bakehouses Welfare Order, 1927, and the Biscuit Factories Welfare Order, 1927, were issued during the year by the Home Office. Both Orders are intended to secure the welfare of workers employed in these businesses, and prescribe the measures which should be taken for the detection and prevention of dermatitis among the workers.

HOUSING.

The following is the statement furnished by the Borough Surveyor in regard to the construction of new houses during 1927:

Year.	Houses erected by Corporation.	Houses erected by Private Enterprise with State Subsidy under Housing (Additional Powers) Act, 1919.	Houses erected by Private Enterprise under Housing, etc., Act, 1923.	Houses erected by Private Enterprise without assistance.	Total Houses Erected.
1927	70	...	158	21	249

During the year Demolition Orders in respect of three houses—Nos. 17 and 19, Water Street, and No. 9, Union Square, were made.

Attention continues to be paid to the repair of old property through the agency of the Public Health and Housing Acts.

Houses Let in Lodgings.—Byelaws made by the Town Council controlling premises of this nature have received the sanction of the Ministry of Health.

HOUSE REFUSE.—COLLECTION AND DISPOSAL.

The amount of refuse, including house and trade refuse, is set out in the Table below:—

AMOUNT OF REFUSE, IN TONS, FOR THE YEAR 1927.

Highway refuse (including that from Street Gullies)	...	936
Market refuse	... ..	280
House and Trade refuse	... ..	16174
Total	... ..	17390

For information regarding the existing system of refuse collection, reference may be made to the Annual Report for 1926.

The tip at present being used in the Morfa district will soon have to be discontinued. The Borough Surveyor has under consideration other arrangements for the disposal of refuse.

WATER SUPPLY.

This has been dealt with in former reports.

In 1927 the daily average quantity consumed per head of the population for domestic purposes was somewhat high—32.24 gallons, but this could probably be reduced considerably without detriment to the users if greater care to prevent waste were taken. For trade purposes the daily average consumption of water for the year was 50.39 gallons.

WATER ANALYSIS.

21st July, 1927.

CORPORATION SUPPLY.

1.—CHEMICAL.

	Lower Lliedi No. 1 Unfiltered.	Lower Lliedi No. 2 Filtered.
Solids in Solution	10.00	11.29
Chlorine as Chlorides	1.60	1.60
Equivalent to Sodium Chloride	2.64	2.64
Nitrogen as Nitrates	0.016	0.041
Oxygen in Solution	0.95	1.00
Free Carbonic Acid	0.66	0.16
Combined Carbonic Acid	1.21	1.70
Equivalent to temporary hardness	2.75	3.87
Saline Ammonia	0.004	0.001
Albuminoid Ammonia	0.008	0.003
Oxygen required (moist combustion)	0.44	0.30

The figures are expressed in parts per 100,000.

To get grains per gallon, multiply by 7/10.

The chemical results are satisfactory, but No. 2 shows a decided improvement on No. 1. The waters had no solvent action on lead.

2.—BACTERIOLOGICAL.

Organisms of the Coli group were not found in 10, 5, 1 or 1/10th cubic centimetre. This result is satisfactory. The condition of both waters is good, especially that of No. 2.

For purposes of reference the characters of the organisms of the Coli Group are here appended—Motile, non-liquefying, fermenting glucose and lactose with production of acid and gas, and milk with production of acid and clot and producing indol in peptone solution.

(Signed) CLARENCE A. SEYLER, B.Sc., F.I.C.

RAINFALL.

The following is the Report of the Borough Surveyor on the rainfall in 1927:—

“The rainfall for the year 1927 was 61.87 inches as compared with 50.21 inches in 1926. The average for the past 47 years is 50.07 inches.

The following are the extraordinary features of the distribution of rainfall during 1927:—

25th January	...	1.51 inches.
2nd November	...	1.51 inches.

With the exceptions of 1903, 1912 and 1917, when 8.72, 9.62 and 11.39 inches fell respectively, the rainfall for August is the highest on record since 1881.

One inch of rainfall on one acre is equal to just 120 tons.

PORT SANITATION.

529 vessels were inspected during the year, compared with 317 in 1926, 343 being coastwise and 186 foreign traders. Imports amounted to 131,397 tons, and exports to 238,460 tons. The corresponding figures for the year 1926 were 90,916 tons and 96,580 tons.

The foreign countries and ports from which vessels came were:

Belgium. Ghent, Antwerp.

Channel Islands.—Jersey, Guernsey.

France.—Treport, L'Orient, Andierne, St. Servan, Caen, Nantes, Blaye, Morlais, Arcachon, Landerneau, St. Malo, St. Bilux, St. Nazaire, Honfleur, Brest, Briex.

Ireland.—Fenit, Wexford, Rosslaire, Pasages, Limerick, Dundalk, Cork, New Ross, Waterford, Dublin.

Norway.—Fredrikstad.

Nova Scotia.—Parrsboro, Pugwash, Picton, Halifax.

Portugal.—Lisbon.

Spain.—Bilbao.

Lithuania.—Riga.

Amount of Shipping entering Llanelly during the year 1927.

	No.	Tonnage.	Inspections.		No. reported to be defective.	No. of Orders issued.
			By the Medical Officer of Health.	By the Sanitary Inspector.		
Foreign:						
Steamers	179	77427	.....	} 186	.....	.....
*Motor	1	503	.....		
Sailing	6	525	.....		
Fishing .....	.....	.....	.....
Total Foreign	186	78455	.....	186	.....	.....
Coastwise:						
Steamers	339	88078	.....	} 343	.....	.....
*Motor	2	82	.....		
Sailing	2	177	.....		
Fishing .....	.....	.....	.....
Total Coastwise	343	88337	.....	343	.....	.....
Total Foreign and Coastwise	529	166792	.....	529	.....	.....
1926	317	89878	....	317	1	1
1925	569	160633	.....	569	2	2
1924	738	225672	.....	738	.....	.....
1923	941	229329	.....	941	.....	.....
1922	840	249636	.....	840	2	2
1921	487	132829	.....	487	7	7

* Includes mechanically propelled vessels other than steamers.

Report of the Senior Sanitary Inspector for the Year 1927.

To the Mayor, Aldermen and Councillors of the Borough
of Llanelly.

Mr. Mayor and Gentlemen,

I have the honour to submit my Report on the work carried out during the year.

Details of work accomplished are appended in tabular form, and separate records are submitted showing the work done under the Housing Acts and the Public Health Acts.

Housing Acts.

NOTICES.

Number of Section 3 preliminary notices served	...	...	25
Number of Section 3 preliminary notices complied with	...	...	21
Number of Section 3 Statutory notices served	...	...	16
Number of Section 3 Statutory notices complied with	...	...	17

INSPECTIONS.

Initial dwelling-house inspections	...	...	...	32
Subsequent visits to dwelling-houses	...	...	...	366

REPAIRS EXECUTED.

Houses :	Total Preliminary and Preliminary. Statutory. Statutory.			
	Preliminary.	Statutory.	Statutory.	
Walls repaired	23	...	6	29
Outside walls rendered	17	...	10	27
Floors repaired	10	...	10	20
Floors renewed	21	...	4	25
Roofs repaired	19	...	16	35
Roofs renewed	8	...	1	9
Raintroughs renewed or repaired	32	...	29	61
Downpipes renewed or repaired	22	...	17	39
Chimneys repaired	8	...	5	13
Ceilings repaired	24	...	4	28
Wall plaster repaired	72	...	76	148
Doors and Frames repaired	13	...	18	31
Lighting and ventilation of rooms improved	20	...	13	33
Window sashes or frames repaired	15	...	14	29

	Total				
	Preliminary.		Preliminary and Statutory.		
Houses :					
Window cords renewed	27	...	49	...	76
Windows renewed	27	...	8	...	35
Stairs repaired	5	...	7	...	12
Skirtings repaired	3	...	1	...	4
Cupboards repaired	2	...	—	...	2
Grates or ovens repaired or renewed...	13	...	7	...	20
Walls or ceilings cleansed, papered or limewashed	16	...	15	...	31
Wash house provided	4	...	—	...	4
Outbuildings repaired	—	...	1	...	1
Yard paving relaid or repaired	12	...	14	...	26
Water taps repaired	6	...	4	...	10
Accumulations removed	5	...	1	...	6
Not classified repairs or nuisances abated	25	...	6	...	31
Drainage :					
New drains constructed	—	...	4	...	4
Drains repaired	5	...	4	...	9
Drains cleansed	—	...	3	...	3
Inspection chambers provided or re- paired .....	—	.....	1	...	1
Gullies fixed	—	...	2	...	2
W.C.'s :					
Reconstructed	7	...	2	...	9
Ventilation improved	3	...	—	...	3
Lighting improved	3	...	—	...	3
New pans and traps fixed	10	...	12	...	22
Cleansed	9	...	3	...	12
Flushing cisterns and pipes repaired or renewed	11	...	14	...	25
Water supply provided for flushing.....	7	...	9	...	16
Other repairs executed or nuisances abated	38	...	32	...	70

Public Health Acts.

NOTICES SERVED, Etc.

Number of preliminary notices served	...	...	...	576
Number of preliminary notices complied with	...	...	...	503
Number of Statutory notices served	...	...	...	60
Number of Statutory notices complied with	...	...	...	71
Number of letters sent	...	...	...	210
Number of Complaints received	...	...	...	293
Owners, Agents or Contractors interviewed	...	...	...	285
Legal Action taken	...	...	...	15

DETAILS OF INSPECTIONS.

Houses inspected for Nuisances	...	...	...	556
Houses inspected for Infectious Diseases	...	...	...	307
Houses inspected for Vermin	...	...	...	5

Houses inspected for other conditions	...	...	...	3
Houses re-inspected	...	...	...	2763
Factories	...	...	...	47
Workshops	...	...	...	55
Workplaces	...	...	...	3
Laundries	...	...	...	13
Dairies	...	...	...	239
Cowsheds	...	...	...	78
Milk Purveyors	...	...	...	22
Ice Cream premises	...	...	...	35
Bakehouses	...	...	...	108
Slaughterhouse	...	...	...	19
Butchers' shops	...	...	...	3742
Meat stalls	...	...	...	839
Provision stores	...	...	...	47
Fishmongers	...	...	...	208
Greengrocers' shops	...	...	...	243
Vehicles	...	...	...	19
Restaurants and Kitchens	...	...	...	1
Fried Fish Shops	...	...	...	219
Schools	...	...	...	12
Inns	...	...	...	86
Tents, Vans, Sheds	...	...	...	189
Common Lodging Houses	...	...	...	80
Houses let in lodgings	...	...	...	45
Amusement Places	...	...	...	13
Offensive trades	...	...	...	35
Marine Store Hawkers	...	...	...	15
Rat Infestation	...	...	...	16
Drains	...	...	...	869
Sewers	...	...	...	45
Cesspools	...	...	...	9
Back Lanes	...	...	...	76
Swine and other animals	...	...	...	21
Stables	...	...	...	19
Smoke or grit	...	...	...	12
Accumulations	...	...	...	60
Water supply	...	...	...	6
Tips	...	...	...	89
Watercourses	...	...	...	30
Not classified	...	...	...	407
Total	...	...	...	11761

NUISANCES ABATED.

NOISANCES ABATED.					Total
Houses :	Preliminary.	Statutory.	Statutory.	Preliminary and	Statutory.
Walls repaired	9	...	12	...	21
Outside walls rendered	40	..	6	...	46
Damp-proof courses inserted	5	...	—	...	5
Floors renewed or repaired	27	...	14	...	41
Floors ventilated	1	...	—	...	1
Roofs renewed or repaired	63	...	41	..	104
Raintroughs and downpipes renewed or repaired	101	...	70	...	171
Chimneys repaired	15	...	2	...	17

Houses :	Total			
	Preliminary.	Statutory.	Preliminary and Statutory.	
Ceilings repaired	22	18	...	40
Wall plaster repaired	50	36	...	86
Doors and frames repaired	29	15	...	44
Lighting and ventilation of rooms improved	7	2	...	9
Window sashes or frames repaired	36	31	...	67
Window cords renewed.....	113	67	...	180
Windows renewed	22	16	...	38
Stairs repaired	6	2	...	8
Skirtings repaired	5	14	...	19
Cupboards repaired	1	1	...	2
Grates or ovens repaired or renewed ...	13	8	...	21
Walls or ceilings cleansed, papered or limewashed	45	8	...	53
Wash-house provided	1	—	...	1
Yard paving relaid or repaired	40	19	...	59
Overcrowding abated	2	—	...	2
Additional water taps provided	3	—	...	3
Water taps repaired	4	—	...	4
Nuisances from animals abated	6	—	...	6
Accumulations removed	46	—	...	46
Ashbins or other receptacles provided...	1	—	...	1
Defective water supply remedied	8	1	...	9
Filter beds	—	4	...	4
Not classified repairs or nuisances abated	59	23	...	82
Drainage:				
Drains tested	141	—	...	141
New drains constructed	13	14	...	27
Drains reconstructed	20	—	...	20
Drains repaired	44	9	...	53
Drains cleansed	101	4	...	105
Disconnection chambers provided or re- paired	4	3	...	7
Disconnecting traps fixed	2	—	...	2
Inspection chambers provided or repaired	26	12	...	38
Ventilating shafts fixed or repaired.....	5	—	...	5
Fresh air inlet fixed or repaired.....	4	—	...	4
Soil pipes fixed or repaired	4	—	...	4
Rainwater pipes disconnected	2	—	...	2
Gullies fixed	27	5	...	32
Sinks provided	6	—	...	6
Sinks trapped, or waste pipes repaired...	7	7	...	14
Lavatory basins trapped, or waste pipes repaired	1	—	...	1
Drain inlets inside abolished	1	—	...	1
W.C.'s:				
Reconstructed	2	—	...	2
Additional W.C.'s provided	8	12	...	20
New pans and traps fixed.....	62	13	...	75
Cleansed	17	—	...	17
Flushing cisterns and pipes repaired or renewed	91	49	...	150

	Total Preliminary and Statutory. Statutory.				
W.C.'s:					
Water supply provided for flushing.....	22	...	5	...	27
Other repairs executed or nuisances abated	100	...	31	...	131
Urinals:					
Lighting or ventilation improved.....	1	...	—	...	1
Flushing cisterns or pipes fixed or repaired	11	..	1	...	12
Walls rendered impervious	6	...	—	...	6
Walls repaired	1	...	—	...	1
Floors repaired	2	...	—	...	2
Other repairs or nuisances abated	6	...	—	...	6
Cesspools:					
Abolished	1	...	—	...	1
Pail Closets:					
Constructed	—	...	1	...	1
New pails provided	3	...	1	...	4
Other repairs or nuisances abated	—	...	10	...	10
Stables:					
Manure receptacles provided	1	...	—	...	1
Accumulations removed	4	...	—	...	4
Floors repaired	1	...	—	...	1
Tents, Vans, Sheds:					
Overcrowding abated	—	...	1	...	1
Other nuisances abated or improvements effected	34	...	—	..	34
Schools:					
Improvement effected	7	...	—	...	7
Amusement Houses:					
W.C. accommodation improved	2	...	—	...	2
Cleanliness improved	1	...	—	...	1
Other nuisances abated or repairs executed	4	...	—	..	4

FACTORIES AND WORKSHOPS.

Factories and Workshops:				
Notices served for Factories	5	...	—	5
Notices served for Workshops.....	6	...	—	6
Notices served for Workplaces	1	...	—	1
Want of cleanliness	7	...	—	7
Want of ventilation	2	...	—	2
Other nuisances	8	...	—	8
Sanitary accommodation insufficient	1	...	—	1
Sanitary accommodation unsuitable or defective	4	...	—	4

	Total Preliminary and Statutory.		
Bakehouses:	Preliminary.	Statutory.	Statutory.
Number of Notices served	2	—	2
Want of cleanliness	1	—	1
Other nuisances	2	—	2
New bakehouse constructed	1	—	1

Home Work:			
Number of lists received	1	—	1

DAIRIES AND COWSHEDS.

Borough:				
Number of cowkeepers—wholesale purveyors ...	...	...	...	4
“ “ “ wholesale and retail purveyors ...	...	...	...	1
“ “ “ retail purveyors ...	...	...	...	12
“ “ “ wholesale and retail purveyors ...	...	...	...	4
“ “ “ retail purveyors (not included in above) ...	...	...	...	18
“ “ “ cowsheds ...	...	...	...	17
“ “ “ cows ...	...	...	...	170

Ex-Borough:				
Number of wholesale purveyors ...	...	...	...	35
“ “ “ wholesale and retail purveyors ...	...	...	...	4
“ “ “ retail purveyors (not included in above) ...	...	...	...	31

Regular inspections of all dairies and cowsheds have been made during the year by the Medical Officer of Health and the Sanitary Inspectors, and a general high standard of cleanliness has been maintained. The following work has been executed :—

New dairies constructed ...	...	...	...	1
Limewashing or cleansing carried out ...	...	...	...	79
Milk samples obtained				
Bacteriological ...	...	...	...	71
Chemical ...	...	...	...	44

COMMON LODGING HOUSES.

Address.	Keeper.	Deputy Keeper.	No. of Rooms.	No. of Lodgers allowed!
3, Park Terrace ...	M. O'Donoghue	Mrs. E. Davies	9	23
2, Park Terrace ...	M. A. Potter	M. A. Potter	5	10
The Old Union, Church St. ...	John Cotton	W. Wallace	5	25
4, King Square ...	John Cotton	W. Wallace	7	22
31, Mill Lane ...	John Cotton	John Leach	6	68
13 & 14, Church Street ...	Mrs. M. Egan	Mrs. M. Egan	10	20
10, Island Place ...	E. Keenan	J. Wilson	6	34
28, Water Street ...	Benj. Price	Eileen Williams	4	10

These houses have been kept under periodical supervision and no serious contravention of the bye-laws has been found.

Limewashing or cleansing carried out ...	...	...	...	33
Bedding renewed ...	...	...	...	1
Other repairs or nuisances abated ...	...	...	...	17

HOUSES LET IN LODGINGS.

Overcrowding abated ...	...	...	...	1
Other repairs or nuisances abated ...	...	...	...	4

MEAT AND FOOD INSPECTION.

The following quantities of food have been condemned and destroyed during the year, exclusive of condemnations made by the Veterinary Inspector (see below) :—

39 lbs. beef (decomposition)	5 lbs. tomatoes (decayed).
$\frac{1}{2}$ carcase of beef (tuberculosis).	26 tins pineapples (bln. or dmgd).
1 hindquarter of beef (decomposed).	10 tins pears (blown or damaged).
172 lbs. chilled beet (bone taint).	23 tins peaches (bln. or dmgd).
6 lbs. frozen beef (decomposition).	7 tins tomatoes (bln. or dmgd).
42 lbs. pork (decomposition)	21 tins condensed milk (blown or damaged).
192 lbs. scrap meat (decomposition).	23 tins salmon (blown or damaged).
38 lbs. liver, lungs, etc. (diseased).	20 tins corned beef (bln. or dmgd.).
1 beast's head (tuberculosis).	16 tins apricots (bln. or dmgd).
11 lbs. tripe (decomposition).	15 tins tongue (blown or damaged).
28 lbs. sausages (decomposition).	8 tins sardines (blown or damaged)
18 hams (decomposition).	20 tins fruit salad (bln. or dmgd).
43 lbs. bacon (decomposition).	28 lbs. sewin (unsound).
44 rabbits (decomposition).	4 boxes (37lbs.) kippers (decom-
18 barrels of apples (decayed).	position).
10 boxes (630 lbs.) apples (decayed)	1 bottle of blackberries (mildewed)
90 lbs. black currants (decayed).	40 bottles pickles (unsound).
6 crates of bananas (decayed).	$1\frac{1}{2}$ tons potatoes (diseased).
7 small crates pears (decayed).	

The following information has been received from the Veterinary Inspector (Mr. J. Campbell Hill, M.R.C.V.S.) :—

The numbers of animals slaughtered during the year 1927 are as follows, and for comparison the figures for 1926 are also set out :—

	1927.	1926.
Beasts	1286	1236
Calves	1403	1210
Pigs	4050	3618
Sheep and lambs	9509	9331
Fowls	1752	1614
Total	18000	17059

Condemned as unfit for food :—

Beef	lbs.	2744
Pork	"	587
Mutton	"	192
Liver	"	3036
Lungs and other parts	"	2750

The conditions on account of which condemnation was necessary were:—Tuberculosis, actinomycosis, emaciation, and fluke and worm infestations.

Shops:

Cleanliness improved	...	...	...	3
Receptacles provided	...	...	...	3
Accumulations removed	...	...	...	3
Other nuisances abated, or improvements effected	...	...	...	10

Transport and Handling:

Warnings regarding cleanliness of vehicles, receptacles, covering of meat etc.	4
--	-----	-----	-----	-----	---

FRIED FISH AND CHIP SHOPS.

New ranges fitted	...	...	...	...	2
Lighting improved	...	...	...	...	1
Ventilation improved	...	...	...	...	2
Cleansing carried out	...	...	...	...	1
Potato washing room improved	...	...	...	...	4
Fish cleaning room improved	...	...	...	...	1
Water supply laid on	...	...	...	...	1
Drainage improved	...	...	...	...	1
Receptacles provided	...	...	...	...	4
Other repairs or nuisances abated	...	...	...	...	6

OFFENSIVE TRADES.

The following classes of business are established in the Borough :—

- 1 Gutscraper.
- 1 Fellmonger.
- 3 Marine store dealers.
- 54 Fish fryers.

RENT RESTRICTION ACTS.

Four applications under these Acts were received. Three of these were considered justified and certificates were accordingly issued. In the other case the certificate was withheld.

MATTERS REPORTED TO THE BOROUGH SURVEYOR.

The following matters were reported to the Borough Surveyor's Department :

Drains and sewers	...	...	...	...	37
Building bye-law infringements	...	...	...	...	8
Wastage of water	...	...	...	...	6
Accumulations	...	...	...	...	10
Other matters	...	...	...	...	21

FUMIGATIONS.

The number of houses fumigated during the year was 165. The Wards of the Isolation Hospital were fumigated on one occasion. The Public Mortuary was cleaned and disinfected on six occasions. Seven classrooms of the New Dock Infants School were fumigated with sulphur. The St. John Ambulance was fumigated on 27 occasions after it had been used for the transportation of patients to the Isolation Hospital. A large number of Public Library books were disinfected. The Public Library was also fumigated. 1,234 articles of clothing were steam disinfected.

The following is a statement of the houses fumigated :—

		Wards.			Total.
		1.	2.	3.	
Following	scarlet fever	10	13	15	38
"	diphtheria	12	13	9	34
"	tuberculosis	5	12	3	20
"	erysipelas	1	1	1	3
"	typhoid	—	1	—	1
"	pneumonia	7	—	10	17
"	puerperal fever	2	—	1	3
"	other diseases	24	9	6	39
"	dirty conditions	4	4	2	10
Total		65	53	47	165

POLICE COURT PROCEEDINGS.

Public Health Act, 1925.—Legal proceedings were taken against the owners of seven premises for failing to abate nuisances. In respect of three cases the Magistrates granted an Order for the work to be completed within 28 days, and the remaining four cases were adjourned for 14 days to allow the owners to carry out the requirements of the notices.

Llanelly Local Board Act, 1888.—Legal proceedings were taken against two owners for failure to provide water closets with efficient flushing apparatus in contravention of Section 57 of the Llanelly Local Board Act, 1888. These cases were adjourned for 14 days to allow the owners to carry out the necessary work.

Milk and Dairies Order, 1926.—Proceedings were taken against two milk purveyors for returning churns by rail without the same having been cleansed as required by Article 28 of the Milk and Dairies Order, 1926. As these were the first cases taken in Llanelly under the Order, the Town Clerk was instructed by the Town Council to ask for a conviction only and the payment of costs in each case, but not to press for any penalty. The Magistrates decided to convict, but intimated that the occurrence of this offence in the future would be dealt with in a more drastic manner. They accordingly dismissed the cases on payment of costs.

Legal proceedings were taken against a milk roundsman for bottling milk in the street, in contravention of Article 31 (2) of the Milk and Dairies Order, 1926. At the same time proceedings were taken against his employers for aiding and abetting in the said offence. The Magistrates convicted in the case against the roundsman, but dismissed the case against his employers.

I am, Mr. Mayor and Gentlemen,

Your obedient Servant,

R. EVANS.

Senior Sanitary Inspector.

Health Department,

Old Town Hall, Llanelly.

June, 1928.

**FACTORIES, WORKSHOPS AND WORKPLACES.
1.—INSPECTION.**

Premises. (1)	Number of		
	Inspections. (2)	Written Notices. (3)	Occupiers Prosecuted. (4)
Factories (including Factory Laundries)	155	7	.....
Workshops (including Workshop Laundries)	55	6	.....
Workplaces (other than Outworkers' Premises)	3	1	.....
Total	213	14	.....

2.—DEFECTS.

Particulars. (1)	Number of Defects.			Number of Offences in respect to which Prosecutions were instituted. (5)
	Found. (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	
*Notices under the Public Health Acts :				
Want of Cleanliness	8	8	.....	.....
Want of Ventilation	2	2	.....	.....
Overcrowding .....	.....	.....	.....	.....
Want of Drainage of Floors .....	.....	.....	.....	.....
Other nuisances	10	10	.....	.....
Sanitary Accommodation :				
Insufficient	1	1	.....	.....
Unsuitable or defective	4	4	.....	.....
Not separate for sexes .....	.....	.....	.....	.....
Offences under the Factory and Workshops Acts :				
Illegal occupation of under- ground Bakehouse (s. 101) .....	.....	.....	.....	.....
Other offences (excluding offences relating to outwork & offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories & Work- shops Transfer of Powers) Order, 1921) .....	.....	.....	.....	.....
Total	25	25	.....	.....

* Including those specified in Sections 2, 3, 7 and 8 of the Factory and Workshop Act, 1901, as remediable under the Public Health Acts.

VITAL STATISTICS. (REGISTRAR-GENERAL).

Year.	Population estimated to middle of each Year.	Births.			Total Deaths Registered in the District.		Transferable Deaths.		Net Deaths belonging to the District.			
		Un-corrected No.	Net.		No.	Rate.	Of Non-Residents Registered in the District.	Of Residents not Registered in the District.	Under one year of age.		All Ages.	
			No.	Rate.					No.	Rate per 1,000 net Births.	No.	Rate.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1921	37,180	926	926	24.8	427	11.48	32	13	76	82.0	409	11.0
1922	37,770	803	807	21.4	455	12.04	35	8	64	79.3	430	11.4
1923	38,250	896	889	23.2	427	11.16	35	17	62	70.8	410	10.7
1924	38,770	812	810	20.9	489	12.61	49	21	69	85.1	461	11.9
1925	39,090	800	795	20.3	469	11.99	34	17	68	86.0	452	11.6
1926	39,590	785	764	19.3	469	11.84	35	17	54	70.6	451	11.4
1927	39,530	683	680	17.2	465	11.76	34	19	56	82.3	450	11.4

Cause of Death.	Registrar General's Statistics.			LOCAL STATISTICS.												
				All Ages.		Under 1 year.	1 to 2	2 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 & upwards
	M.	F.	Total	M.	F.											
1. Enteric Fever .....	...	1	1	...	1	...	...	...	...	1	...	...	...	...	...	...
2. Small Pox .....	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	...
3. Measles	2	...	2	...	...	...	...	...	...	...	...	...	...	...	...	...
4. Scarlet Fever .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Whooping Cough	2	3	5	...	...	4	...	1	...	...	...	...	...	...	...	...
6. Diphtheria	3	2	5	...	...	...	...	2	3	...	...	...	...	...	...	...
7. Influenza	14	8	22	...	...	3	1	1	...	1	...	2	1	7	4	2
8. Encephalitis Lethargica .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Meningococcal Meningitis .....	...	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...
10. Tuberculosis of the respiratory system	14	16	30	...	...	...	...	...	1	6	8	3	10	1	1	...
11. Other Tuberculous Diseases	4	5	9	...	...	...	2	...	1	...	2	3	6	16	9	5
12. Cancer, Malignant Disease	18	23	41	...	...	...	...	...	...	1	1	2	...	...	1	...
13. Rheumatic Fever .....	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...
14. Diabetes .....	...	5	5	...	...	...	...	...	...	...	...	...	...	...	...	1
15. Cerebral Haemorrhage, etc.	9	10	19	...	...	...	...	...	...	...	...	2	2	2	7	5
16. Heart Disease	42	39	81	...	...	...	...	...	...	3	4	8	9	14	31	16
17. Arterio-Sclerosis	8	8	16	...	...	...	...	...	...	...	...	1	2	5	3	4
18. Bronchitis	16	9	25	...	...	...	...	...	...	...	...	...	1	3	8	9
19. Pneumonia (all forms)	30	14	44	...	...	10	9	3	...	2	2	...	1	5	3	6
20. Other Respiratory Diseases	1	1	2	...	...	1	...	...	...	...	...	...	1	1	...	2
21. Ulcer of stomach or duodenum	3	2	5	...	...	4	2	...	...	...	...	...	...	...	...	...
22. Diarrhoea, etc. (under two years)	3	2	5	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Appendicitis and Typhilitis .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Cirrhosis of Liver	2	...	2	...	...	...	...	...	...	...	...	...	1	1	...	...
25. Acute and Chronic Nephritis	11	2	13	...	...	...	...	1	...	...	...	1	2	4	5	1
26. Puerperal Sepsis .....	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27. Other accidents and diseases of Pregnancy and Parturition .....	...	1	1	...	...	...	...	...	...	1	...	...	...	...	...	...
28. Congenital Debility and Malformation, Premature Birth	13	9	22	...	...	21	2	...	1	...	...	...	...	...	...	...
29. Suicide	2	1	3	...	...	...	...	...	...	...	1	2	...	...	...	...
30. Other deaths from violence	12	3	15	...	...	1	2	3	2	...	2	...	2	2	1	1
31. Other defined diseases	40	37	77	...	...	7	...	2	4	3	...	5	6	18	11	23
32. Causes ill-defined or unknown .....	...	1	1	...	...	1	...	...	...	...	...	1	...	...	...	1
All Causes	249	201	450	250	200	56	19	14	12	19	20	30	45	72	84	76

Report of the School Medical Officer for the Year 1927.

To the Chairman and Members of the Llanelly Education Committee.

Mr. Chairman, Ladies and Gentlemen,

I beg to submit to you my Report for the year 1927 on the School Medical Service of the Borough.

A Special Report will be placed before you with reference to the education of children in the Special Classes for the dull and backward.

The Report of the School Dentist, Mr. T. E. Mathias, L.D.S., will be found on page 43.

I am,

Your obedient Servant,

L. W. POLE, M.B., D.P.H.,

Health Department,
Old Town Hall, Llanelly.
June, 1928.

School Medical Officer.

SCHOOL MEDICAL INSPECTION.

STAFF:

School Medical Officer: L. W. Pole, M.B. (Edin.), D.P.H.

Assist. S.M.O.: Jean M. Mackintosh, M.B. (Glasgow), D.P.H.

Eye Specialist (part-time): J. J. Healy, M.B. (Edin.).

Dental Surgeon: T. E. Mathias, L.D.S., R.C.S. (Edin.).

School Nurses: N. Smith, M. C. Jones, M. Hopkins.

Clerks: Senior—J. E. Marks, C.R.S.I.; Junior—M. E. Smith.

Medical Inspection Arrangements.—The Board of Education require the medical inspection of all children in public elementary schools as soon as possible in the twelve months following:—

- (a) their admission to public elementary schools, and
- (b) their attaining the age of eight years, and
- (c) their attaining the age of twelve years.

The Local Education Authority must also make arrangements, subject to the sanction of the Board of Education, for attending to the health and physical condition of children, including:—

- (a) the following-up of cases of defect found in the course of medical inspection;
- (b) the detection and prevention of uncleanness;
- (c) the medical treatment of defect of eyes, and teeth, minor ailments and enlarged tonsils and adenoids.

Besides the "routine" groups of children, special inspection was made of children brought to the notice of the School Medical Officer by head teachers, attendance officers, school nurses and parents.

Number of Children on Registers and Average Attendance.—For the year ended 31st December, 1927:—

- (a) the number of children on the school registers was 6,573
- (b) the average attendance for the year was ... 5,779
- (c) the percentage attendance for the year was ... 88

The number of schools in the town is 11, made up of eight Boys' Departments, eight Girls' Departments, eight Infants' Departments, and two Mixed Schools—28 departments in all.

The total number of children inspected at routine examinations was 2,352. This number was made up of

- 607 entrants—307 boys, 300 girls.
- 580 children, 8 years old—293 boys, 287 girls.
- 683 ,, 12 years old—375 boys, 308 girls.
- 482 ,, of other ages—288 boys, 194 girls.

Special medical examinations numbered 648. These examinations related mainly to children who had formerly been inspected as routine cases, and the examinations were in the nature of following up.

Inspection Clinic.—This Clinic is open on the forenoons of Tuesday and Wednesday for the examination of children referred by head teachers, attendance officers and parents. The total number of children who attended during the year was 610, exclusive of 466 children, who were examined in regard to their fitness to attend the School Camp.

The number of re-inspections was 853.

The average number of children attending on each of the two days was 15.

These special examinations are exclusive of the special medical inspections in the schools.

REVIEW OF THE FACTS DISCLOSED BY MEDICAL INSPECTION.

Height and Weight.—The tables appended give the number of children at each year of age, and the average height and weight. The heights are given in inches and centimetres, and the weights in pounds and kilograms.

Heights and Weights.**Boys.**

Age.	No.	Heights (Average).		Weights (Average).	
		Inches.	Centimetres.	Pounds.	Kilograms.
3	6	38.14	96.87	34.91	15.84
4	129	39.56	100.46	37.84	17.17
5	114	41.55	105.43	40.33	18.30
6	58	42.99	109.19	42.77	19.41
7	46	45.79	116.30	49.32	22.39
8	293	47.19	119.86	53.08	24.09
9	35	49.36	125.37	56.91	25.83
10	26	51.29	130.27	62.19	28.23
11	12	53.59	136.11	67.65	30.71
12	375	54.62	138.73	73.41	33.32
13	148	56.76	144.17	81.22	36.87
14	19	58.89	149.58	89.60	40.67
15	2	61.97	157.40	102.25	46.42

Heights and Weights.**Girls.**

Age.	No.	Heights (Average).		Weights (Average).	
		Inches.	Centimetres.	Pounds.	Kilograms.
3	10	37.41	95.02	33.85	15.36
4	113	38.75	98.42	35.86	16.28
5	120	40.89	103.86	38.80	17.61
6	57	43.11	109.49	42.34	19.22
7	47	45.22	114.85	48.25	21.90
8	287	46.93	119.20	50.54	22.94
9	34	49.06	124.61	56.29	25.55
10	30	51.71	131.34	64.36	29.21
11	23	51.78	131.52	65.06	29.37
12	308	55.21	140.23	74.50	33.82
13	54	57.28	145.49	75.33	34.19
14	6	57.40	145.79	83.12	37.73

Clothing.—"Fair"—18 children—0.76% (11 boys, 7 girls).

"Bad"—20 children—0.85% (10 boys, 10 girls).

Footgear.—"Fair"—36 children—1.53% (21 boys, 15 girls).

"Bad"—17 children—0.72% (9 boys, 8 girls).

Uncleanliness.—Vermin—Hair—boys, 4 (0.31%),
girls, 225 (20.66%).
Body—boys, 21 (1.66%).
girls, 25 (2.29%).

In addition to the routine medical inspections, every school is visited once in each quarter of the year by one of the School Nurses, who examines all the children in each department.

Records are kept of these inspections of the School Nurses (see Table IV. page 53). Where verminous conditions are found the parents are notified, and they are instructed in regard to the measures that should be adopted to free the hair from vermin—usually present in the form of nits.

Nutrition.—Good, 2,230—94.81% (boys 1175, girls 1055).
 Fair, 112— 4.76% (boys 78, girls 34).
 Bad, 10— 0.42% (boys 10, girls 0).

Skin Disease.—The chief skin disease noticed was Impetigo, 23 out of 67 cases. Skin diseases were present in 2.84 per cent. of the children examined at routine inspections.

Eye Diseases.—Blepharitis and conjunctivitis: 39 children—1.65 per cent. (25 boys, 14 girls).
 Squint: 24 children—1.19 per cent.
 Eye strain and corneal opacities: 14 children—0.59 per cent.

Defective Vision.—The following Table shows the results of the examination of 1,722 children:

Defective Vision.	Boys.	Girls.	Total.	Per Cent.
(1) Both eyes normal	783	630	1413	82.1
(2) One eye normal, one eye slightly defective	48	50	98	5.7
(3) One eye normal, one eye very defective	47	21	68	3.9
(4) Both eyes slightly defective	13	16	29	1.7
(5) One eye slightly defective, one eye very defective	22	22	44	2.5
(6) Both eyes very defective.....	35	35	70	4.1
Totals	948	774	1722	100.0

1 and 2 are classed as "good" vision—87.8 per cent.; 3 and 4 as "fair" vision—5.6 per cent.; and 5 and 6 as "bad" vision—6.6 per cent.

Defective Hearing.—15 children—0.4 per cent. (8 boys, 7 girls) had markedly defective hearing, the whispering test being used. 14 children had ear disease; in 11 there was disease of the internal ear.

Nose and Throat.—Enlarged tonsils of moderate degree—309 children—13.13% (151 boys, 158 girls).
 Enlarged tonsils of marked degree—22 children—0.93% (11 boys, 11 girls).
 Tonsils and adenoids present together—2 children—(0.08% (1 boy 1 girl).

Speech.—Defective Speech, 10 children—0.4 per cent.

Heart and Circulation.—

Organic disease of heart	...	18	,,	...	0.76%.	
Functional disorders of heart...	183 children	...			7.7%.	
Anaemia	278	,,	...	11.8%.

Rickets.—8 children—4 boys and 4 girls—showed some signs of deformity resulting from this disease.

Special Examinations.—The chief conditions discovered were: skin diseases, 41; eye diseases, 31; defective vision and squint, 95; organic heart disease, 23; anaemia, 196; pulmonary tuberculosis, 4; chorea, 11.

VACCINATION.

Vaccination.				Boys.	Girls.	Total.	Per Cent.
Vaccinated	.....	.....	.....	982	808	1790	76.10
Not vaccinated	....	....	....	281	281	562	23.90

PREVIOUS HISTORY OF INFECTIOUS DISEASES.

	Measles.		Whooping Cough.		Chicken Pox.		Scarlet Fever.		Diphtheria.	
	No.	%	No.	%	No.	%	No.	%	No.	%
Boys	962	76.1	547	43.3	265	20.9	88	6.9	57	4.5
Girls	857	78.6	533	48.9	309	27.4	61	5.6	79	7.2
Total	1819	77.2	1080	45.9	574	24.3	149	6.3	136	5.7

TREATMENT OF DEFECTS FOUND AT MEDICAL INSPECTION.

School Clinic.—The average daily attendance was 50. The attendance ranged between 45 and 50 on the days when the schools were open. During all holidays the clinic is open for treatment.

When the condition of a child is such that general treatment is indicated, remedies such as Parrish's Food, Cod Liver Oil and Malt Extract, or Ostelin are provided. In necessitous cases no charge is made, but the free issue of these preparations is comparatively infrequent.

The following Table gives a summary of the work of the School Clinic:—

TREATMENT OF MINOR AILMENTS.

Conditions.	No. of cases under treatment on 1st January, 1927.	No. of Cases.	Total Attendances.	Average attendances per Child.	Cured	Improved.	Not Improved.	Under treatment at end of year.	Remarks.
Ringworm : Head	.....	8	69	8.6	8	.....	.....	.....	.....
Body	2	16	265	16.5	15	1	.....	.....	1*
Scabies	.....	4	61	15.2	4	.....	.....	.....	.....
Impetigo	.....	230	1909	8.3	223	6	1	.....	7*
Minor Injuries	1	509	2820	5.5	498	11	.....	.....	11*
Septic Sores	.....	625	5257	8.4	609	15	1	1	15*
Vermin : Head	.....	29	296	10.2	26	3	.....	1	2*
Other Skin Diseases	.....	37	363	9.8	28	7	2	2	7*
Ear Diseases	.....	1	3	3.0	.....	1	.....	1	.....
Eye Disease	1	18	111	6.1	16	2	.....	.....	2*
Miscellaneous	.....	8	57	7.1	8	.....	.....	.....	.....
Total	4	1485	11211	7.5	1435	46	4	5	45*

* 45 cases were referred to own doctors.

Defective Vision.—Children are examined at the Eye Clinic after being referred to the Eye Specialist by the School Medical Officer.

To be Examined by Eye Specialist.	Examined by Eye Specialist.	Spectacles prescribed and obtained.		Spectacles not yet obtained.	Other treatment than Spectacles prescribed	Awaiting Examination.
		At cost of E.C.	At cost of Parent.			
218	176	87	22	54	13	42

Dull and Backward Children.—A separate Report on the education of children in the special classes for dull and backward children is in course of preparation. This Report will deal with the whole of the work accomplished in these classes since their inception in Llanelly, and will give some record of the progress made in the education of dull and backward children.

Dental Treatment.—In the Report of the Chief Medical Officer to the Board of Education for the year 1926 there appears a Table showing the extent of dental treatment by the Education Authorities in England and Wales.

Taking routine and special cases together the percentage of children requiring treatment who obtained it was, in 1926, 57.7. In the case of London the percentage was 69.7. The corresponding percentage in Boroughs was 57.4.

It is of interest to compare these percentages with those of Llanelly. In 1927, 90.0 per cent. (93.0) of children examined at the routine inspections of the School Dentist required treatment, and 70.1 (70.2) per cent. received treatment. Of the total number of children examined—routines and specials—and found to require treatment, 74.1 per cent. (74.5) received treatment.

The percentages shown in brackets are those for the year 1926.

Mr. T. E. Mathias, L.D.S., submits the following account of the work accomplished at the Dental Clinic during the year:—

Steady progress has been maintained in the work at the Dental Clinic. During the year over 3,000 children were inspected at the schools, and nearly 2,000 of these were actually treated at the Clinic. In addition to this, over 400 specials were also treated. Appended will be found four tables showing the numbers of children dealt with in each age group, and the progress that has been made since treatment was first provided.

Age.	No. Inspected.	No. found to require treatment.	Number treated.	Teeth Filled.	Teeth Ex-tracted.	Ratio Teeth Filled and Extracted.
5	404	384—95 %	231—60 %	177	414	1:2.3
6	487	468—96 %	281—60 %	269	838	1:3.1
7	516	467—90.5%	316—67.6%	303	899	1:2.9
8	425	380—89.4%	276—72.6%	312	964	1:3
9	434	377—86.8%	279—74 %	384	770	1:2
10	422	367—86.9%	285—77.6%	314	702	1:2.2
11	476	404—84.8%	328—81.1%	302	687	1:2.2
All ages	3164	2847—89.9%	1996—70.1%	2061	5274	1:2.5

The above Table is similar to the one shown in last year's Report, and the remarks then made apply generally in regard to this Table.

PERCENTAGE OF CHILDREN REQUIRING TREATMENT.

Year.	Per Cent.	No. of Children.
1924 and 1925	95.8	1926 out of 2025
1926	92.9	2499 out of 2688
1927	89.9	2847 out of 3164

This Table shows that the percentage of children found to require treatment falls gradually from the first year in which treatment was provided.

Year.	Children Aged.	Percentage requiring treatment.	No. of Children.
1924	8	96.4	536 out of 556
1927	11	84.8	404 out of 476

In this Table we see that, after treating the group of children that were eight years of age in 1924, the same group requires considerably less treatment three years afterwards.

AVERAGE AMOUNT OF WORK DONE PER CHILD.

Year.	Fillings.		Extractions.	
	Routine Cases.	Total Cases.*	Routine Cases.	Total Cases.*
1924 & 1925	1.83	1.15	3.28	2.83
1926	1.26	1.04	2.59	2.38
1927	1'03	.84	2.64	2.16

* This includes routine and special cases.

This Table shows that the work of past years is reflected in the smaller amount of conservative treatment required per child.

Orthopaedic Treatment.—No further progress has to be recorded in regard to the proposal for a joint scheme with the County of Carmarthenshire for the provision of this kind of treatment for school children.

Bacteriological Examinations.—

Number of swabs examined for Diphtheria ...	...	...	40
Diphtheria bacilli present in no case.			
Number of examinations for Tubercle Bacillus in sputum ...	...	...	1
Negative.			
Number of examinations for Gonococcus ...	...	...	4
All negative.			

Hairs were examined for ringworm in two cases.

The numbers in the statement are included in those given on page 9.

School Closures.—It was not found necessary to close any school in the town on account of infectious disease. In the early part of the year influenza and measles were prevalent; during the latter half of the year many children passed through attacks of chicken pox. One girl developed small pox, but no further case followed.

School Camp.—This was held as in former years in the holiday month—August. The arrangements for the Camp were similar to those in the past. These arrangements will be found fully described in the Annual Reports for 1925 and 1926.

Towards the expenses of the last Camp a sum of £129 was raised by the teachers in the town by means of a whist drive and dance. A similar function held in February, 1928, resulted in a sum of £130 being placed at the disposal of the Education Committee towards the expenses of the Camp in 1928. Both by giving active service at the Camp and in providing funds to lighten the expense of running the Camp, the teachers have demonstrated in no uncertain manner their desire that the Camp shall be a success. As regards the children there is no doubt that even the short stay of a fortnight is highly beneficial to them.

Physical Training.—In his Report to the Education Committee, the Organiser of Physical Training, Mr. T. Davies, believes that there has been a steady growth of ability to teach physical exercises notwithstanding the fact that the conditions are not entirely satisfactory, especially during wet weather.

Mr. Davies is of opinion that there has been an improvement in the teaching and execution of the formal exercises, resulting in better posture and carriage of the school children. He emphasises the point that the best results can only be obtained when each movement is carried out to its fullest range. He advocates a greater degree of attention to jumping for the physical and mental development of the children. Mr. Davies does not think there is sufficient movement in the singing games practised in the Infant Departments, and considers that the more active movements required in jumping, skipping and running, which satisfy the instinctive need of movement, are of greater value.

Reference is made to organised games—football, cricket, etc., and the difficulty which has sometimes been experienced in obtaining sufficient space in the public playing grounds. Mr. Davies is of opinion that playing pitches should be reserved for school children on certain days for a specified time.

Two play centres are open on three evenings every week during the winter months, the average weekly attendance being about 500. Dancing, raffia work, games, etc., are taken part in by the children, and they enjoy their evenings thoroughly.

Medical Examination of Teachers.—One teacher was medically examined on appointment to a school, and was found fit for duty.

BOROUGH OF LLANELLY.

Statistics of Medical Inspection for the year ended
31st December, 1927.

TABLE I.—RETURN OF MEDICAL INSPECTIONS.

A.—Routine Medical Inspections.

Number of Code Group Inspections:—

Entrants	...	...	...	...	...	607
Intermediates	580
Leavers	683
Total						1870

Number of other Routine Inspections	482
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B.—Other Inspections.

Number of Special Inspections	1724*
Number of Re-inspections	853
Total				2577

* Includes 466 children examined in connection with School Camp.

TABLE II.

A.—Return of Defects found by Medical Inspection in the year ended
31st December, 1927.

Defect or Disease.		Routine Inspections.		Special Inspections.	
		No. of Defects.		No. of Defects.	
		Requiring Treatment	Requiring Observation.	Requiring Treatment	Requiring Observation.
Malnutrition	.....	10	112	10	62
Uncleanliness	.....	275	.....	1	.....
Skin	{ Ringworm : Scalp	.....	.....	4	.....
	Body	1	.....	1	.....
	{ Scabies	3	.....	6	.....
	{ Impetigo	23	.....	12	.....
	{ Other Diseases (Non-Tuberculous)	40	.....	23	.....
Eye	{ Blepharitis	37	.....	24	.....
	{ Conjunctivitis	2	.....	2	.....
	{ Keratitis	.....	.....	.....	.....
	{ Corneal Opacities	1	.....	1	.....
	{ Defective Vision (excluding Squint)	103	196	76	194
	{ Squint	24	8	19	16
	{ Other Conditions	4	7	2	6
Ear	{ Defective Hearing	.....	26	.....	11
	{ Otitis Media	11	.....	10	.....
	{ Other Ear Diseases	3	.....	4	.....
Nose and Throat	{ Enlarged Tonsils only	.....	309	.....	225
	{ Adenoids only	1	.....	4	.....
	{ Enlarged Tonsils & Adenoids	24	.....	35	.....
	{ Other Conditions	.....	7	.....	17
Enlarged Cervical Glands (Non-Tuberculous)		.....	229	.....	44
Defective Speech		.....	10	.....	5
Heart and Circulation	{ Heart Disease :	.....	.....	23	.....
	Organic	18	.....	.....	32
	Functional	.....	183	.....	.....
	Anaemia	.....	278	.....	196

TABLE II.—Continued.

Defect or Disease.		Routine Inspections.		Special Inspections.	
		No. of Defects.		No. of Defects.	
		Requiring Treatment	Requiring Observation.	Requiring Treatment	Requiring Observation.
Lungs	Bronchitis .....	.....	23	.....	41
	Other Non-Tuberculous Diseases .....	.....	3	.....	.....
Tuber- culosis	Pulmonary : Definite	1	.....	9	.....
	Suspected .....	.....	.....	.....	4
	Non-Pulmonary : Hip .....	.....	1	.....	.....
	Other Forms .....	.....	.....	3	.....
	Suspected Non-Pulmonary .....	.....	.....	.....	3
Nervous System	Epilepsy	1	.....	3	.....
	Chorea.....	.....	.....	11	.....
	Other Conditions	2	.....	.....	2
Deformities	Rickets .....	.....	8	.....	2
	Spinal Curvature .....	.....	1	.....	2
	Other Forms .....	.....	14	.....	31
Other Defects and Diseases .....		.....	74	.....	191

B.—Number of individual children found at Routine Medical Inspection to require Treatment (excluding Uncleanliness and Dental Diseases).

	Number of Children.		Percentage of Children found to require Treatment.
	Inspected.	Found to require treatment.	
Code Groups :			
Entrants	607	121	19.93
Intermediates	580	196	33.79
Leavers	683	216	31.62
Total (Code Groups)	1870	533	28.50
Other Routine Inspections	482	139	28.83

TABLE III.
Return of all Exceptional Children in the Area.

			Boys.	Girls.	Total
Blind (including partially blind).	Suitable for training in a School or Class for the totally blind	Attending Certified Schools or Classes for the Blind .....	.....	.....	.....
		Attending Public Elementary Schools .....	.....	.....	.....
		At other Institutions .....	.....	.....	.....
		At no School or Institution .....	.....	.....	.....
	Suitable for training in a School or Class for the partially blind	Attending Certified Schools or Classes for the Blind .....	.....	.....	.....
		Attending Public Elementary Schools .....	.....	.....	.....
		At other Institutions .....	.....	.....	.....
		At no School or Institution .....	.....	.....	.....
Deaf (including deaf and dumb and partially deaf).	Suitable for training in a School or Class for the totally deaf or deaf and dumb.	Attending Certified Schools or Classes for the Deaf	1	1	2
		Attending Public Elementary Schools .....	.....	.....	.....
		At other Institutions .....	.....	.....	.....
		At no School or Institution ..	1	1	2
	Suitable for training in a School or Class for the partially deaf	Attending Certified Schools or Classes for the Deaf .....	.....	.....	.....
		Attending Public Elementary Schools	6	3	9
		At other Institutions .....	.....	.....	.....
		At no School or Institution .....	.....	.....	.....
Mentally Defective.	Feebleminded (cases not notifiable to the Local Control Authority).	Attending Certified Schools for Mentally Defective Children .....	.....	.....	.....
		Attending Public Elementary Schools	17	21	38
		At other Institutions .....	.....	.....	.....
		At no School or Institution .....	.....	.....	.....
	Notified to the Local Control Authority during the year.	Feebleminded .....	.....	.....	.....
		Imbeciles .....	.....	.....	.....
		Idiots .....	.....	.....	.....
	
Epileptics.	Suffering from severe Epilepsy.	Attending Certified Special Schools for Epileptics .....	.....	1	1
		In Institutions other than Certified Special Schools .....	.....	.....	.....
		Attending Public Elementary Schools .....	.....	.....	.....
		At no School or Institution .....	.....	1	1
	Suffering from Epilepsy which is not severe.	Attending Public Elementary Schools	6	6	12
		At no School or Institution .....	.....	.....	.....

TABLE III.—Continued.

			Boys.	Girls.	Total.
Physically Defective.	Infectious Pulmonary and Glandular Tuberculosis.	At Sanatoria or Sanatorium approved by the Ministry of Health or the Board .....	.....	1	1
		At other Institutions .....	.....	.....	.....
		At no School or Institution	1	.....	1
	Non-infectious, but active Pulmonary and Glandular Tuberculosis.	At Sanatoria or Sanatorium approved by the Ministry of Health or the Board .....	.....	.....	.....
		At Certified Residential Open-air Schools .....	.....	.....	.....
		At Certified Day Open-air Schools .....	.....	.....	.....
		At Public Elementary Schools	4	4	8
		At other Institutions .....	.....	.....	.....
		At no School or Institution	6	4	10
	Delicate children (<i>e.g.</i> pre-or latent Tuberculosis, malnutrition debility, anaemia, etc).	At Certified Residential Open-air Schools .....	.....	.....	.....
		At Certified Day Open-air Schools .....	.....	.....	.....
		At Public Elementary Schools	195	165	360
		At other Institutions .....	.....	.....	.....
		At no School or Institution	1	.....	1
	Active Non-Pulmonary Tuberculosis.	At Sanatoria or Hospital approved by the Ministry of Health or the Board	2	1	3
		At Public Elementary Schools	1	.....	1
		At other Institutions .....	.....	.....	.....
		At no School or Institution .....	.....	2	2
	Crippled Children (other than those with active Tuberculous disease), <i>e.g.</i> children suffering from paralysis, etc., and including those with severe heart disease.	At Certified Hospital Schools .....	.....	.....	.....
		At Certified Residential Cripple Schools .....	.....	.....	.....
		At Certified Day Cripple Schools .....	.....	.....	.....
		At Public Elementary Schools	25	23	48
		At other Institutions .....	.....	.....	.....
		At no School or Institution	5	8	13

TABLE IV.

Return of Defects treated during the year ended 31st December, 1927.

Group 1.—Minor Ailments (excluding Uncleanliness, for which see Group V.).

Disease or Defect.	Number of Defects treated or under treatment during the year.		
	Under the Authority's Scheme.	Otherwise	Total.
Skin :			
Ringworm—Scalp	8	.....	8
Body	16	.....	16
Scabies	4	.....	4
Impetigo	230	.....	230
Other Skin Diseases	37	.....	37
Minor Eye Defects (external and other, but excluding cases falling in Group II.	18	.....	18
Minor Ear Defects	1	.....	1
Miscellaneous (<i>e.g.</i> , minor injuries, bruises, sores, chilblains, etc.)	1142	.....	1142
Total	1456	.....	1456

Group II.—Defective Vision and Squint (excluding Minor Eye Defects treated as Minor Ailments—Group I.).

Defect or Disease.	Number of Defects dealt with.			
	Under the Authority's Scheme.	Submitted to refraction by private practitioner or at Hospital apart from the Authority's Scheme.	Other-wise.	Total
Errors of refraction (including Squint)	170	.....	.....	170
Other Defect or Disease of the Eyes (excluding those recorded in Group I)	6	.....	..	6
Total	176	.....	.....	176

Total number of children for whom spectacles were prescribed:—

(a) Under the Authority's Scheme	163
(b) Otherwise	—

Total number of children who obtained or received spectacles:—

(a) Under the Authority's Scheme	87*
(b) Otherwise	22

* Four cases brought forward from 1926.

Group III.—Treatment of Defects of Nose and Throat.

Number of Defects.		Total.	Received other forms of Treatment.	Total No. Treated.
Received Operative Treatment.				
Under the Authority's Scheme, in Clinic or Hospital.	By private Practitioner or Hospital, apart from the Authority's Scheme.			
.....	24	24	40	64

Group IV.—Dental Defects.

(1) Number of children who were:—

(a) Inspected by the Dentist:

Aged.					
Routine Age Groups	5	...	404	}	Total ... 3164
	6	...	487		
	7	...	516		
	8	...	425		
	9	...	434		
	10	...	422		
	11	...	476		
	12	...	nil.		
	13	...	nil.		
	14	...	nil.		
Specials	...	...	...	...	439
Grand Total	...	...	...	...	3603
(b)	Found to require treatment	...	...	...	3286
(c)	Actually treated	...	...	...	2436
(d)	Re-treated during the year as the result of periodical examination	...	...	...	554

(2)	Half-days devoted to	{ Inspection ... 56 Treatment ... 364 }	Total	... 420
(3)	Attendances made by children for treatment	...	...	4912
(4)	Fillings	{ Permanent teeth ... 1446 Temporary teeth ... 615 }	Total	... 2061
(5)	Extractions	{ Permanent teeth ... 628 Temporary teeth ... 4646 }	Total	... 5274
(6)	Administrations of general anaesthetics for extractions	...	...	39
(7)	Other operations	{ Permanent teeth ... 35 Temporary teeth ... 6 }	Total	... 41

Group V.—Uncleanliness and Verminous Conditions.

(1.)	Average number of visits per school made during the year by the School Nurses	...	...	...	4
(II.)	Total number of examinations of children in the Schools by the School Nurses	...	...	...	15838
(III.)	Number of individual children found unclean	...	...	...	487
(IV.)	Number of children cleansed under arrangements made by the Local Education Authority	...	...	...	29
(V.)	Number of cases in which legal proceedings were taken:				
	(a) Under the Education Act, 1921	...	...	...	None.
	(b) Under School Attendance Byelaws	...	...	...	None.



